References

- A.M. Rabasco, J.M. Ginrs, M. Fernfindez-Arrvalo and M.A. Holgado (1991) Dissolution rate of diazepam from polyethylene glycol 6000 solid dispersions, International Journal of Pharmaceutics, 67, 201-205.
- C.S. Yong, Chul Soon Yonga, Han-Gon Choib, (2010) Novel valsartan-loaded solid dispersion with enhanced bioavailability and no crystalline changes, International Journal of Pharmaceutics 422, 202– 210.
- Chong-Kook Kim, Eun-Jin Lee, Sa-Won Lee, Han-Gon Choi (2001) Bioavailability of cyclosporin A dispersed in sodium lauryl sulfate–dextrin based solid microspheres International Journal of Pharmaceutics 218, 125–131.
- D.Q.M. Craig, S.A. Barker, S.P. Yap, K.H. Yuen, C.P. McCoy, J.R. Murphy, (2003) An investigation into the structure and bioavailability of a-tocopherol dispersions in Gelucire 44/14, Journal of Controlled Release 91, 477–488.
- E. Badens , V. Majerik, G. Horváth, L. N. Bosc, G. Charbit,(2009) Comparison of solid dispersions produced by supercritical antisolvent and spray-freezing technologies International Journal of Pharmaceutics 377, 25–34.
- F. Cilurzo, P. Minghetti, A. Casiraghi, L. Montanari, (2002) Characterization of nifedipine solid dispersions, International Journal of Pharmaceutics 242, 313–317.
- F. Cui , M. Yanga, Y. Jianga, D. Cuna, W. Lina, Y. Fan , Y. Kawashima (2003), Design of sustained-release nitrendipine microspheres having solid dispersion structure by quasi-emulsion solvent diffusion method, Journal of Controlled Release 91, 375–384.
- F. Fawaz , F. Boninia, M. Guyot, J. Bildet, M. Maury, A.M. Lagueny, (1996) Bioavailability of norfloxacin from PEG 6000 solid dispersion and cyclodextrin inclusion complexes in rabbits, International Journal of Pharmaceutics 132, 271 275.
- F. Kedzierewicz, C.Zinutti, M.Hoffman and P.Maincent, (1993) Bioavailability study of tolbutamide p-cyclodextrin inclusion compounds, solid dispersions and bulk powder, International Journal of Pharmaceutics, 94, 69-74.

- G. Trapani , M. Franco, A. Latrofa ,M. R. Pantaleo, M. R. Provenzano, (1999) Physicochemical characterization and in vivo properties of Zolpidem in solid dispersions with polyethylene glycol 4000 and 6000, International Journal of Pharmaceutics 184, 121–130.
- G.V. D. Mooter , K. Six, T. Daems, J.d Hoon, A.V Hecken, M. Depre, M.P.Bouche, P. Prinsen, G. Verreck, J. Peeters, M. E. Brewster, (2005) Clinical study of solid dispersions of itraconazole prepared by hot-stage extrusion, European Journal of Pharmaceutical Sciences 24, 179–186.
- H. G. Choi , M. Newa , K. H. Bhandari , D. X Li , T.H. Kwon, J. A Kim, B. K. Yoo, J. S. Woo, W. S. Lyoo , C.S Yong (2010) Development of novel sibutramine base-loaded solid dispersion with gelatin and HPMC: Physicochemical characterization and pharmacokinetics in beagle dogs, International Journal of Pharmaceutics 397, 225–230.
- H. G. Choi , M. Newa , K. H. Bhandari , D. X Li , T.H. Kwon, J. A Kim, B. K. Yoo, J. S. Woo, W. S. Lyoo , C.S Yong (2007) Preparation, characterization and in vivo evaluation of ibuprofen binary solid dispersions with poloxamer 188, International Journal of Pharmaceutics 343, 228–237.
- J. C. DiNunzio , C.Brough, R.Justin, D.A. Miller, R. O. Williams, (2010), Fusion production of solid dispersions containing a heat-sensitive active ingredient by hot melt extrusion and Kinetisol dispersing, European Journal of Pharmaceutics and Biopharmaceutics 74, 340–351.
- J. L. Dubois , J. L. Ford, A.F. Stewart, (1996), The properties of solid dispersions of indomethacin or phenylbutazone in polyethylene glycol, Journal of Pharmaceutics, 58, 11-22.
- J.B.Mielck, (1997) Interactions between bendroflumethiazide and water soluble polymers. I. Solubility of bendroflumethiazide in water from solid dispersions and formation of associates under climatic stress, European Journal of Pharmaceutics and Biopharmaceutics 43, 185-191.
- K.V. R. Murthy, M.M. Babu, D.S. Prasad, (2002), Evaluation of modified gum karaya as carrier for the dissolution enhancement of poorly water-soluble drug nimodipine, International Journal of Pharmaceutics 234, 1–17.
- M. V. Margarit , I. C. Rodriguez, A. Cerezo, (1994), Physical characteristics and dissolution kinetics of solid dispersions of ketoprofen and polyethylene glycol 6000, International Journal of Pharmaceutics 108, 101~ 107.

- M.J. Arias , J.M. Gines, J.R. Moyano, A.M. Rabasco (1996) Dissolution properties and in vivo behavior of triamterene in solid dispersions with polyethylene glycols Phannaceutica Acta Helvetiae 71, 229-235.
- M.J. Arias , J.M. Gines, J.R. Moyano, A.M. Rabasco, (1995), Influence of the preparation method of solid dispersions on their dissolution rate: study of triamterene-D-mannitol system, International Journal of Pharmaceutics 123, 25-31.
- M.T. Marın , M. V. Margarit, Gloria E. Salcedo, (2002), Characterization and solubility study of solid dispersions of flunarizine and polyvinylpyrrolidone, IL Farmaco 57, 723-727.
- N. Yuksel , A.L. Karatas, A. Savas, (2003), Enhanced bioavailability of piroxicam using Gelucire 44/14 and Labrasol: in vitro and in vivo evaluation, European Journal of Pharmaceutics and Biopharmaceutics 56, 453–459.
- N. Zerrouk , C. Chemtob, P.Arnaud , S.Toscani ,J.Dugue, (2001), In vitro and in vivo evaluation of carbamazepine-PEG 6000 solid dispersions, International Journal of Pharmaceutics 225, 49–62.
- P. C. Sheen, V.K. Khetarpal, C.M. Cariola, C. E. Rowlings, (1995), Formulation studies of a poorly water-soluble drug in solid dispersions to improve bioavailability, International Journal of Pharmaceutics 118, 221-227.
- P. Costa , T.F.Vasconcelos,B.Sarmento, (2007), Solid dispersions as strategy to improve oral bioavailability of poor water soluble drugs, Drug Discovery Today 12, 23-24.
- P. Mansky , A. Shanbhag, S.Rabel, E. Nauka, G. Casadevall ,P. Shivanand, G.Eichenbaum, (2008), Method for screening of solid dispersion formulations of low-solubility compounds—Miniaturization and automation of solvent casting and dissolution testing, International Journal of Pharmaceutics 351, 209–218.
- R. O. Williams III , W.Yanga, J.Tamb, D.A. Millera, J.Zhouc ,(2008), High bioavailability from nebulized itraconazole nanoparticle dispersions with biocompatible stabilizers, International Journal of Pharmaceutics 361, 177–188.
- S. Onoue , Y. Kawabata, K.Yamamoto, K.Debari, S.Yamada, (2010), Novel crystalline solid dispersion of tranilast with high photo-stability and improved

oral bioavailability, European Journal of Pharmaceutical Sciences 39, 256–262.

- S. Torrado ,S.Torrado,J.Jose,R.Cadorniga,(1996), Preparation, dissolution and characterization of albendazole solid dispersions, International Journal of Pharmaceutics 140, 247-250.
- T. Ozeki , H.Yuasa, Y. Kanaya, (1999), Control of medicine release from solid dispersion composed of the polyethylene oxide-carboxyvinyl polymer interpolymer complex by varying molecular weight of poly(ethylene oxide), Journal of Controlled Release 58, 87–95.
- T. Xing , S.Yunzhe, Y. Rui, Z.Wenliang, (2008), Nimodipine semi-solid capsules containing solid dispersion for improving dissolution, International Journal of Pharmaceutics 359, 144–149.
- T.M. Cham , C.W. Lin, (1996), Effect of particle size on the available surface area of nifedipine from nifedipine-polyethylene glycol 6000 solid dispersions, International Journal of Pharmaceutics 127, 261 272.
- T.M. Serajuddin , H. N. Joshi, R.W.Tejwani, M.Davidovich, V. P. Sahasrabudhe, M. Jemal, M.S. Bathala, (2004), Bioavailability enhancement of a poorly water-soluble drug by solid dispersion in polyethylene glycol–polysorbate 80 mixture, International Journal of Pharmaceutics 269, 251–258.
- V. Tantishaiyakul, N. Kaewnopparat, S. Ingkatawornwong, (1999) Properties of solid dispersions of piroxicam in Polyvinylpyrrolidone, International Journal of Pharmaceutics 181, 143–151.
- V.D. Mooter , S. Verheyen, N. Blaton, R. Kinget,(2002), Mechanism of increased dissolution of diazepam and temazepam from polyethylene glycol 6000 solid dispersions, International Journal of Pharmaceutics 249, 45-58.
- W. N. Charman , S.M. Khoo, J.H. Porter, (2000), The formulation of Halofantrine as either non-solubilising PEG 6000 or solubilising lipid based solid dispersions: Physical stability and absolute bioavailability assessment, International Journal of Pharmaceutics 205, 65–78.
- W. Wu , (2008), Enhanced dissolution of silymarin/polyvinylpyrrolidone solid dispersion pellets prepared by a one-step fluid-bed coating technique, Powder Technology 182, 72–80.
- Y. Chen , G.G.Z. Zhang, J. Neilly, K. Marsh, D. Mawhinney, Y.D. Sanzgiri,(2004), Enhancing the bioavailability of ABT-963 using solid

dispersion containing Pluronic F-68, International Journal of Pharmaceutics 286, 69–80.

- Y. Huang , D.Lin, (2010), A thermal analysis method to predict the complete phase diagram of drug–polymer solid dispersions, International Journal of Pharmaceutics 399, 109–115.
- Y. Kawashima , H. Takeuchi, S. Nagira, H. Yamamoto, (2005), Solid dispersion particles of amorphous indomethacin with fine porous silica particles by using spray-drying method, International Journal of Pharmaceutics 293, 155–164.
- Z. P. Chen , J. Sun, H.X. Chen, Y. Xiao, D. Liu, J. Chen, H. Cai, B.C. Cai, (2010), Comparative pharmacokinetics and bioavailability studies of Quercetin, Kaempferol and Isorhamnetin after oral administration of Ginkgo biloba extracts, Ginkgo biloba extract phospholipid complexes and Ginkgo biloba extract solid dispersions in rats, Fitoterapia 81, 1045–1052.